

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Joakim O. BLANCH, et al.	§	
		§	
Serial No.:	Not Yet Assigned	§	Group Art Unit: Not Yet Assigned
		§	
Filed:	Concurrently Herewith	§	Examiner: Not Yet Assigned
		§	
For:	Acoustic Logging Apparatus	§	
	And Method for Anistropic	§	
	Earth Formations	§	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Att'y Docket No. 1391-27207
Client Ref. No.: 2001-IP-004081CON2
Date: October 2, 2003

Sir:

This Information Disclosure Statement, including completed Forms PTO-1449, comprises a list of pertinent art of which Applicants are aware. A copy of each publication listed on the Form PTO-1449 photocopy was filed in the parent case, Serial No. 10/025,157, and are therefore not enclosed with this Information Disclosure Statement. The references cited on the new PTO-1449 form were cited by the Examiner in co-pending application Serial No. 10/027,749, of which the current application is a continuation.

Pursuant to 37 C.F.R. § 1.98 (d), copies of certain patents, publications, pending U.S. application(s) or other information, as specified in 37 C.F.R. § 1.98 (a), listed in the attached Form PTO-1449 are not provided herewith, as they have been previously submitted to the Office in the above-mentioned earlier U.S. Patent Application. The Information Disclosure Statement filed in the earlier application(s) complies with 37 C.F.R. § 1.98 (a)-(c).

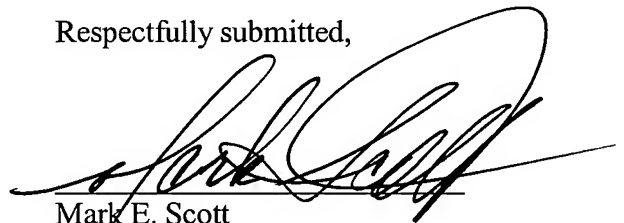
The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor

is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

The relevance of references listed on the form PTO 1149 is that they were identified either by an experienced searcher looking for relevant art, by the inventors as relevant art, or by an examiner in a related case.

This Information Disclosure Statement is being filed concurrently with the above-referenced continuation patent application, therefore, no fee is due for the filing of these papers.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark E. Scott', is written over a horizontal line.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet One of One**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Joakim O. BLANCH
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	1391-27207

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,098,021	08-2000	Tang et al.	
		US- 6,525,354	02-2003	Bose et al.	
		US- 4,789,969	12-1988	Naville	
		US- 4,648,039	03-1987	Devaney et al.	
		US- 4,951,267	08-1990	Chang et al.	
		US- 5,398,215	03-1995	Sinha et al.	
		US- 4,995,008	02-1991	Hornbostel et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
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Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ACOUSTIC LOGGING APPARATUS AND METHOD FOR ANISTROPIC EARTH FORMATIONSApplicant
Joakim O. Blanch, et al.Filing Date
Herewith

Group

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	Re 31,222	04/26/83	McCracken	364	571	12/23/77
	AB	4,367,541	01/04/83	Seeman	367	34	12/06/79
	AC	4,594,691	06/10/86	Kimball et al.	367	32	03/27/84
	AD	4,718,027	01/05/88	Richardson et al.	364	554	10/28/85
	AE	4,794,572	12/27/88	Sondergeld et al.	367	31	09/30/86
	AF	4,803,666	02/07/89	Alford	367	36	07/20/84
	AG	4,817,061	03/28/89	Alford et al.	361	75	07/20/84
	AH	4,888,743	12/19/89	Thomsen	367	75	10/30/86
	AI	4,903,244	02/20/90	Alford	367	36	06/10/88
	AJ	4,933,913	06/12/90	Thomsen	367	75	07/29/88
	AK	5,027,332	06/25/91	Alford	367	75	06/22/89
	AL	5,029,146	07/02/91	Alford	367	75	11/03/89
	AM	5,081,611	01/14/92	Hornby	367	25	03/06/91
	AN	5,136,554	08/04/92	Thomsen et al.	367	75	08/31/90
	AO	5,214,613	05/25/93	Esmersoy	367	31	03/12/91
	AP	5,541,890	07/30/96	Tang	367	34	05/10/95
	AQ	5,661,696	08/26/97	Kimball et al.	367	31	08/11/95
	AR	5,712,829	01/27/98	Tang et al.	367	75	08/14/96
	AS	5,740,124	04/14/98	Chunduru et al.	367	73	11/19/96
	AT	5,808,963	09/15/98	Esmersoy	367	31	01/29/97
	AU	5,960,369	09/28/99	Samaroo	702	6	10/23/97
	AV	6,012,015	01/04/00	Tubel	702	6	09/18/97
	AW	6,061,633	05/09/00	Fukuhara et al.	702	6	01/31/97
	AX	6,088,294	07/11/00	Leggett, III et al.	367	25	01/24/97
	AY	6,188,961B1	02/13/01	Mandal	702	6	03/31/99

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO	

COPY From APP. SER. NO. 10/025,157

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	BA	Alain Brie, et al; <i>New Directions in Sonic Logging</i> ; Spring 1998; (pp. 40-55); Oilfield Review
	BB	Batakrishna Mandal, <i>ShearWave Anisotropy from Single Dipole Source</i> (undated)
	BC	Chung Chang et al; <i>Localized Maps of the Subsurface</i> ; (pp. 56-66) Spring 1998; Oilfield Review
	BD	Greg Brewton, <i>The Geology of the Skinner, Bartlesville and Misener Sandstones in well DM21A at Catoosa</i> ; Amoco publication, November 1996
	BE	B.A. Auld, <i>Acoustic Fields and Waves in Solids</i> , Volume I (pp. 68-423); A Wiley-Interscience Publication
	BF	Klaas Koster et al., <i>Dipole Shear Anisotropy Logging</i> ; Amoco Publication SL3.7 (pp. 1139-1142)
	BG	<i>Faults and Faulting</i> ; EAS-A193 Class Notes; SLU (9 pp.)
	BH	<i>Seismic Waves and Earth's Interior</i> ; EAS-A193 Class Notes; SLU (13 pp)
	BI	Dr. Daniel A. Russelle; <i>Sound Fields Radiated by Simple Sources</i> ; Kettering University (4 pp.)
	BJ	Ningya Cheng et al.; <i>Borehole Geophysics I: Well Logging; Decomposition and particle motion of acoustic dipole log in anisotropic formation</i> ; Earth Resources Lab MIT
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.		

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